

Appropriate Parameters and Maximum Allowable Concentrations
For Comparison with West 40 Landfill Runoff Sampling Results

Parameter	Maximum Allowable Concentration	Unit	Source
pH	6 to 9		2009 Cape Dyer WL & 1992 GDTWNWT
Oil and Grease	5	mg/l	2009 Cape Dyer WL
Arsenic (total)	0.1	mg/l	2009 Cape Dyer WL
Cadmium (dissolved)	10	µg/l	2009 Cape Dyer WL
Chromium (dissolved)	0.1	mg/l	2009 Cape Dyer WL & 1992 GDTWNWT
Cobalt (dissolved)	0.5	mg/l	1992 GDTWNWT
Copper (dissolved)	0.2	mg/l	2009 Cape Dyer WL & 1992 GDTWNWT
Lead (dissolved)	0.05	mg/l	2009 Cape Dyer WL & 1992 GDTWNWT
Mercury (total)	0.0006	mg/l	2009 Cape Dyer WL & 1992 GDTWNWT
Nickel (dissolved)	0.3	mg/l	1992 GDTWNWT
PCB (total)	1	mg/l	2009 Cape Dyer WL
Zinc (total)	0.5	mg/l	2009 Cape Dyer WL & 1992 GDTWNWT
Benzene	0.37	mg/l	2009 Cape Dyer WL
Toluene	0.002	mg/l	2009 Cape Dyer WL
Ethylbenzene	0.09	mg/l	2009 Cape Dyer WL
BOD (5 Day)	120	mg/l	1992 GDTWNWT & 2006 City of Iqaluit WL
TSS	180	mg/l	2006 City of Iqaluit WL
Aluminum (total)	2	mg/l	1992 GDTWNWT
Barium (total)	1	mg/l	1992 GDTWNWT
Boron (dissolved)	5	mg/l	1992 GDTWNWT
Cyanide (total)	0.1	mg/l	1992 GDTWNWT
Fluoride (dissolved)	5	mg/l	1992 GDTWNWT
Iron (dissolved)	0.3	mg/l	1992 GDTWNWT
Manganese (dissolved)	0.05	mg/l	1992 GDTWNWT
Methylene Blue Active Substances (MBAS)	5	mg/l	1992 GDTWNWT
Molybdenum (total)	0.2	mg/l	1992 GDTWNWT
Selenium (total)	0.05	mg/l	1992 GDTWNWT
Silver (total)	0.1	mg/l	1992 GDTWNWT
Sulphate (dissolved)	500	mg/l	1992 GDTWNWT
Sulphide (dissolved)	0.5	mg/l	1992 GDTWNWT
Tin (total)	5	mg/l	1992 GDTWNWT

Note: 2009 Cape Dyer WL refers to the 2009 Cape Dyer DEW Line Remediation Water Licence
2006 City of Iqaluit WL refers to the City of Iqaluit 2006 Water Licence